

Please type a plus sign (+) inside this box → +

PTO/SB/08a (08-03)

Approved for use through 07/31/2009. OMB 0651-0001

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 1

Application Number

10/803,867

Filing Date

MARCH 18, 2004

First Named Inventor

BROOKS, ET AL.

Group Art Unit

UNKNOWN 1756

Examiner Name

UNKNOWN Young

Attorney Docket Number

AMAT/7681/MASK/MASK-ETCH/ARNOLD S

Submission Date

06/17, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US-6,251,217	06/26/2001	Ye, et al.	
	A2	US-6,214,837	04/10/2001	Kim, et al.	
	A3	US-6,114,250	08/05/2000	Ellingboe, et al.	
	A4	US-6,080,529	06/27/2000	Ye, et al.	
	A5	US-6,037,265	08/14/2000	Mul, et al.	
	A6	US-6,033,979	03/07/2000	Endo	
	A7	US-6,007,732	12/28/1999	Hashimoto, et al.	
	A8	US-5,948,570	09/07/1999	Kornblit, et al.	
	A9	US-5,861,293	01/19/1999	Gekine, et al.	
	A10	US-5,772,109	08/30/1998	Linliu, et al.	
	A11	US-5,750,290	05/12/1998	Yasuzato, et al.	
	A12	US-5,338,818	7/23/1993	Hashimoto, et al.	
	A13	US-4,600,686	07/16/1986	Mayer, et al.	
	A14	US-4,504,574	03/12/1985	Mayer, et al.	
	A15	US-			
	A16	US-			
	A17	US-			
	A18	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ -Number ⁵ -Kind Code ⁶ (if known)				
	B1	JP 60-016422 (Eng. Abstract)	01/28/1985	Nakada Hidetomi, et al.		X
	B2					
	B3					
	B4					
	B5					

Examiner

Date Considered

2/2005

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional). † See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ‡ Entail Office that issued the document, by the two-letter code (WIPO Standard ST.3). § For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ¶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. • Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL DOCUMENTS CITED
ON DIFFERENT PTO-1449.

Please type a plus sign (+) inside this box →



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 2

Application Number

10/803,867

Filing Date

MARCH 18, 2004

First Named Inventor

BROOKS, ET AL.

Group Art Unit

UNKNOWN 1756

Examiner Name

UNKNOWN Young

Attorney Docket Number

AMAT/7681/MASK/MASK-ETCH/ARNOLD S

Submission Date

06/17, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US 6,251,217	06/26/2001	Ye, et al.	
	A2	US 6,214,637	04/16/2001	Kim, et al.	
	A3	US 6,114,250	09/05/2000	Ellingboe, et al.	
	A4	US 6,080,529	06/27/2000	Ye, et al.	
	A5	US 6,037,265	03/14/2000	Mui, et al.	
	A6	US 6,033,979	03/07/2000	Endo	
	A7	US 6,007,732	12/28/1999	Hashimoto, et al.	
	A8	US 5,948,370	09/07/1999	Kornblit, et al.	
	A9	US 5,861,233	01/19/1999	Sekine, et al.	
	A10	US 5,773,109	06/30/1998	Linliu, et al.	
	A11	US 5,750,290	05/12/1998	Yasuzato, et al.	
	A12	US 5,538,816	7/23/1996	Hashimoto, et al.	
	A13	US 4,600,686	07/15/1986	Mayer, et al.	
	A14	US 4,504,574	03/12/1985	Meyer, et al.	
Cy	A15	US-2004/0000535	01/01/2004	Mueller, et al.	
	A16	US-			
	A17	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B1	JP 60-016422 (Eng. Abstract)	01/28/1985	Nakada Hidetomi, et al.		X
	B2	DE 27 01 458	07/21/1977			
	B3	JP 62-181433 (Eng. Abstract)	08/08/1987	Tanaka Kazuhito		X
	B4	JP 60-219748 (Eng. Abstract)	11/02/1985	Tanaka Kazuhito		X
	B5					

Examiner

Cy

Date Considered

2/2005

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional). ‡ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. † Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ‡ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ‡ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ‡ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL DOCUMENTS CITED THROUGH PTO-1449 ARE ON DIFFERENT

Please type a plus sign (+) inside this box



PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/803,867
		Filing Date	MARCH 18, 2004
		First Named Inventor	BROOKS, ET AL.
		Group Art Unit	UNKNOWN 1756
		Examiner Name	UNKNOWN Young
		Attorney Docket Number	AMAT/7681/MASK/MASK-ETCH/ARNOLD S
Sheet 2	of 2	Submission Date	06/17, 2004

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
Cmy	C1	PCT International Search Report for PCT/US 01/19282, dated May 31, 2002 (AMAT/4213.PC)	

Examiner		Date Considered	2/2005
----------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.